

Phone Number:

# City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 32811 Tel 407-581-8161 \* Fax 407-581-0313 \* www.universalengineering.com

# PERMIT CARD - PLEASE POST AT JOB SITE

THIS DOCUMENT BECOMES YOUR PERMIT WHEN PROPERLY VALIDATED

Per FBC 105.3.3: An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies, or federal agencies." The issuance of this permit does not grant permission to violate any applicable City, Orange County, State of Florida and/or Federal codes and/or ordinances. Separate permits are required for Signs, Roofing, Electrical, Gas, Plumbing and Mechanical services. This permit becomes VOID if the work authorized is not commenced within 6 months, or is suspended or abandoned for a period of 6 months after commencement. WORK SHALL BE CONSIDERED SUSPENDED IF AN APPROVED INSPECTION HAS NOT BEEN MADE WITHIN A 6 MONTH PERIOD. PERMISSION IS GRANTED TO DO THE FOLLOWING WORK ACCORDING TO THE CONDITIONS HEREON AND THE APPROVED PLANS AND SPECIFICATIONS, SUBJECT TO COMPLIANCE WITH THE ORDINANCES OF THE CITY OF BELLE ISLE, FLORIDA.

	Family Residence	NOOF. 2040 Sr aspiralt stillingles for New Single
	Comments:	None
I	Project Information	on
l	Address:	7902 Daetwyler Drive, Belle Isle, FL 32812
	Parcel ID:	29-27-30-1882-00-011
	Property Owner:	Higgins, Richard
	Phone Number:	407 468 1423
l	********	**************
l	Company Name:	Hastings Homes Inc
l	Contractor Name:	Hastings, Keith
l	License Number:	CRC057105
l	Address:	3603 Rancroff Rlvd, Orlando, El. 32823

Scope of Work: POOF: 2040 SE conhalt abicales fault

407 468 8294

Permit Number: 2016-02-013

Date of Application: 03/03/2016 Date Permit Issued: 03/04/2016

WARNING TO OWNER: "YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING. CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE COMMENCEMENT." ON THE JOB INSPECTION(S) MUST BE MADE BEFORE PROCEEDING WITH SUBSEQUENT WORK. THIS CARD MUST BE DISPLAYED OUTSIDE AND BE PROTECTED FROM THE WEATHER WHILE BEING VISIBLE FROM THE STREET UNTIL THE FINAL INSPECTIONS HAVE BEEN APPROVED.

THE PERSON NAMED IN COLUMN TWO	BUILDING FEATURES
IMPACT FEES School	BUILDING INSPECTOR USE ONLY
Traffic	IF APPLICABLE:
ZONING FEES Zoning Fee	Have Zoning Approval Conditions Been Met? YES NO Have Stormwater Approval Conditions  Been Met? YES NO Silt fencing in place? YES NO Turbidity Barrier in place? YES NO
UNIVERSAL ENG - BUILDING FEES	BUILDING  1st(Footing/Foundation)
Demo \$	Survey specific foundation plan must be onsite before slab pour. Approved Plan on Site?
Building \$ Fence \$	2 <sup>nd</sup> (Slab)
Driveway \$ Shed \$ Window(s) \$	3 <sup>rd</sup> (Lintel)(Wall Reinforcing on Masonry Building)
Door(s) \$	4 <sup>th</sup> (Exterior Framing)(Roof/Wall Sheathing)
PrePower \$ Electrical \$ Temp Pole \$	5 <sup>th</sup>
Plumbing \$ Mechanical \$	6 <sup>th</sup> (Insulation to be Made After Roof Installed)
Gas \$ Roofing \$82.50 Boat Dock \$	7 <sup>th</sup> (Drywall)
Screen Encl \$ Swimming Pool \$	8 <sup>th</sup> (Sidewalk/Driveway)
C	9 <sup>th</sup> (Other)
SURCHARGE FEES	10 <sup>th</sup> (Final – After MEP and Other Applicable Finals)
Surcharge Fee \$2.00 Surcharge Fee \$2.00	ROOFING  1 <sup>ST</sup> ROOFING Deck Nailing/Dry-in/Flashing
<b>TOTAL FEES \$86.50</b>	2 <sup>nd</sup> ROOFING Covering In-Progress
Date Paid 4-12-16	3 <sup>rd</sup> ROOFING Covering Final
Date Paid 4-13-16	CLDI I INDING /Deal Dising Calculate # 1 M. 4 T. 4 4 T. 4 T. 4



# City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando, FL 328 10 3 2016 Tel 407-581-8161 \* Fax 407-581-0313 \* www.universalengineering.com

## APPLICATION FOR ROOFING PERMIT

YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

DATE OF APPLICATION: 12-15-15  PLEASE PRINT. The undersigned hereby applies for a permit to make installations as in	PERMIT NUMBER 2016-03-013 Indicated below:
Project Address 7902 Dackwyle RL	, Belle Isle, FL32809_X_32812
Property Owner Richard Hissins	Phone 407 468 1427
Property Owner's Mailing Address	
State F/ Zip Code 31849 Parcel Id Number: 29-23-3	30-1882-00-011
<b>REQUIRED!</b> To obtain this information, please	visit http://www.ocpafl.org/Searches/ParcelSearch.aspx
Class of Building: Old New Type of Building: Residential Comm	nercial Other
REQUIRED! Florida Product Approval Screen Printout from www.floridabuilding.org should be a second product Approval Screen Printout from www.floridabuilding.org should be a second product Approval Screen Printout from www.floridabuilding.org should be a second product Approval Screen Printout from www.floridabuilding.org should be a second product Approval Screen Printout from www.floridabuilding.org should be a second product Approval Screen Printout from www.floridabuilding.org should be a second product Approval Screen Printout from www.floridabuilding.org should be a second product Approval Screen Printout from www.floridabuilding.org should be a second product Approval Screen Printout from www.floridabuilding.org should be a second product Approval Screen Printout from www.floridabuilding.org should be a second product Approval Screen Printout from www.floridabuilding.org should be a second product from which it is a second product from the s	owing the Code Version
REQUIRED! Florida Product Approval Installation Instructions from www.floridabuilding	g.org (not the manufacturer instructions)
REQUIRED! Copies of your General Liability & Worker's Comp Insurance Certificate & S	State and Local Licenses
	Job Valuation: \$ 4800 700
Type: Asphalt Shingles Metal Modified Bitumen Other:	
I hereby certify that the above is true and correct to the best of my knowledge and make Application I agree to conform to all Florida Building Code Regulations and City Ordinances regulating same an of this permit does not grant permission to violate any applicable Town and/or State of Florida codes Republic Services is by legal contract the sole authorized provider of garbage, recycling, yard waste collection and disposal services with the city limits of the City. Contractors, homeowners and commo 407-293-8000 to setup accounts for Commercial, Construction Roll Off, or other services needed. Hall or from Republic Services. The City enforces the contract through its code enforcement office.	id in accordance with plans submitted. The issuance is and/or ordinances. By signing below, I recognize is, and commercial garbage and construction debris ercial businesses may contact Republic Services at Rates are fixed by contract and are available at City Failure to comply will result in a stop work order.
LICENSE HOLDER SIGNATURE	LICENSE # CRC 657105
	ME Hustings Hours In.
Street Address 3613 BANCKOFT Blud	
City OR   State F   Zip Code 32833	Phone Number 467-468-8294
Email Address histingshine gines! (. Com	
h	Zoning Fee \$ \( \sum_{\text{ver}} \text{Vev} \)
10Rx 3-711	Permit Fee \$ 55
Building Official: Date Date	Review Fee \$ 27.52
Verified Contractor's Licenses & Insurance are on file Date 3-6-16	3% Florida Surcharge \$  Total Permit Fee \$



### City of Belle Isle

Universal Engineering Sciences 3532 Maggie Blvd., Orlando FL 32814
Tel 407-581-8161 \* Fax 407-581-0313 \* www.universale regimeering company 3 2016

## Product Approval Form BY:

DATE:					2016-02-013
	a. 11n	2 22	26 1602 -60 0	21.4	

As required by Florida Statue 553.842 and Florida Administrative Code 9B-72m, please provide the information and approval numbers of the building components listed below if they will be utilized on the building or structure. FL Approved products are listed online at <a href="https://www.floridabuilding.org">www.floridabuilding.org</a> or can be obtained from the local product supplier. The following information must be turned in with permit application and available onsite for inspections:

- This Product Approval Cover Sheet
- 2. Internet screen from FloridaBuilding.org showing PA#, approval and code edition stamped
- 3. Manufacturer's installation details from FloridaBuilding.org and requirements for each product stamped

Product Type	Manufacturer	Model/Series	FL Product Approval #	Product Type	Manufacturer	<u>Model/Series</u>	FL Product Approval #
	EXTERIOR E	OORS			WALL PAN	NELS	
Swinging				Sliding			
Sliding				Soffits		1	
Sectional/Rollup		-		Storefront			
Other				Glass Block			
				Other			
	WINDO	NS			ROOFING PRO	DUCTS	
Single/Dbl Hung				Asphalt Shingles			7006
Horizontal Slider				Non Struct Metal			,-00
Casement				Roofing Tiles			
Fixed				Single Ply Roof	92.70		
Mullion				Underlayment 🛪	Atlas		16226-
Skylights				Other			10-10-0
Other							
	STRUCTURAL COL	MPONENTS			OTHER	ALC: SEC.	
Wood Connectors				Venty Ving/50	trob OLAY	CAN	12198,1
Wood Anchors					32.31		
Truss Plates							
Insulation Forms							
Lintels							
Other							

It is the applicant's responsibility to verify that specific products have been installed in accordance with their limitations and
with the minimum required design pressures for the structure. Specific compliance will be verified during field inspections.

Applicant Signature





# **Business & Professional Regulation**





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Product Approval Menu > Product or Application Search > Application List > Application Detail

FL7006-R9 Revision Application Type 2014 Code Version **Application Status** Approved

> \*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

Comments Archived

Product Manufacturer Address/Phone/Email

IKO Industries, Ltd 40 Hansen Road South Brampton, NON-US L6W 3H4 (708) 496-2800 Ext 200 rmetz001@tampabay.rr.com

Authorized Signature

Robert Metz

rmetz001@tampabay.rr.com

Technical Representative Address/Phone/Email

Bob Metz

**REMCO** of Pinellas 456 Avila Circle NE Saint Petersburg, FL 33703

(727) 776-5261 rmetz001@tampabay.rr.com

Quality Assurance Representative

Address/Phone/Email

Don Shaw

**IKO Industries LTD** 120 Hay Rd.

Wilmington, DE 19808 (717) 579-6706 don.shaw@iko.com

Category Subcategory Roofing

Asphalt Shingles

Compliance Method

Certification Mark or Listing

Certification Agency

Validated By

FM Approvals - CER Locke Bowden

Validation Checklist - Hardcopy Received

Referenced Standard and Year (of Standard)

Standard

ASTM D3161 modified to 110 mph

ASTM D3462 ASTM D7158 Class H ASTM E108

**Equivalence of Product Standards** 

Reviewed for Code

ciencesyear

2009

2009

2008

2007

Certified By

Product Approval Method

Method 1 Option A

Date Submitted

06/28/2015

Date Validated

06/30/2015

Date Pending FBC Approval

Date Approved

07/06/2015

FL #	Model, Number or Name	Description
7006.1	Cambridge, Cambridge HD and CRC Biltmore AR	Laminated architectural fiberglass asphalt shingle manufactured at IKO's Kankakee, IL; Hawkesbury, Ont Wilmington, DE; Sylacauga,AL and Toronto, Ont. plants
		Certification Agency Certificate FL7006 R9 C CAC FM Letter - ASTM d3161 letter - 15-2015 .pdf FL7006 R9 C CAC FM Letter - ASTM d3462 letter - 5 15.pdf FL7006 R9 C CAC FM Letter - ASTM E 108 letter - 5 3 15 .pdf Quality Assurance Contract Expiration Date 12/31/2020 Installation Instructions FL7006 R9 II IKO-133-02-01 Letter - Installation Instructions for FBC FL7006.pdf Verified By: Duc T Nguyen 65034 Created by Independent Third Party: No Evaluation Reports Created by Independent Third Party:
7006.2	Hip and Ridge 12 Cap fiberglass shingles	This is a 12" x 12" fiberglass asphalt shingle used to cover the hip and/or ridge of an asphalt shingle roof system manufactured in Toronto, Ont. and Brampton, Ontario
	eure: N/A	Certification Agency Certificate F17006 R9 C CAC FM Letter - ASTM d3161 letter - 15-2015 .pdf FL7006 R9 C CAC FM Letter - ASTM d3462 letter - 5 15.pdf FL7006 R9 C CAC FM Letter - ASTM E 108 letter - 3 15 .pdf Quality Assurance Contract Expiration Date 12/31/2020 Installation Instructions FL7006 R9 II Hip and Ridge Cap Shingle Installation Instructions.pdf FL7006 R9 II IKO-133-02-01 Letter - Installation Instructions for FBC FL7006.pdf Verified By: Duc T Nguyen PE 65034 Created by Independent Third Party: No Evaluation Reports Created by Independent Third Party:
7006.3	Leading Edge Plus Asphalt Shing Starter Strip	e One piece fiberglass asphalt shingle used as a starter strip at the bottom of a roof system manufactured in Brampton and Hawkesbury, Ontario plants
		Certification Agency Certificate FL7006 R9 C CAC FM Letter - ASTM d3161 letter - 15-2015 .pdf FL7006 R9 C CAC FM Letter - ASTM d3462 letter - 5 15.pdf FL7006 R9 C CAC FM Letter - ASTM E 108 letter - 5 3 15 .pdf Quality Assurance Contract Expiration Date 12/31/2020 Installation Instructions FL7006 R9 II IKO-133-02-01 Letter - Installation Instructions for FBC FL7006.pdf

		FL7006 R9 II Roofing-Products-Leading-Edge-Plus-Application-EN(1).pdf Verified By: Duc T Nguyen PE 65034 Created by Independent Third Party: No Evaluation Reports Created by Independent Third Party:
7006.4	Marathon 25 AR, CRC Superglass M25AR	3 tab fiberglass asphalt shingle manufactured at IKO's Brampton, Ontario, Hawkesbury Ont., Toronto, Ont.; Sylacauga, AL and Kanakakee, IL plants
Limits of Use Approved for use in Approved for use ou Impact Resistant: N Design Pressure: N/ Other:	<b>itside HVHZ:</b> Yes /A	Certification Agency Certificate  FL7006 R9 C CAC FM Letter - ASTM d3161 letter - 4- 15-2015 .pdf  FL7006 R9 C CAC FM Letter - ASTM d3462 letter - 5 6 15.pdf  FL7006 R9 C CAC FM Letter - ASTM E 108 letter - 5 3 15 .pdf  Quality Assurance Contract Expiration Date 12/20/2020  Installation Instructions FL7006 R9 II IKO-133-02-01 Letter - Installation Instructions for FBC FL7006.pdf  Verified By: Duc T Nguyen 65034 Created by Independent Third Party: No Evaluation Reports Created by Independent Third Party:

Back Next

Contact Us :: 1940 North Monroe Street, Tallahassee FL 32399 Phone: 850-487-1824

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\*Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public.

To determine if you are a licensee under Chapter 455, F.S., please click here.





March 30, 2015

IKO Industries, Ltd 120 Hay Rd. Wilmington, DE 19809

Re: FBC FL7006

Sir(s),

PRI Construction Materials Technologies has completed a technical review and attached sealed shingle instructions in compliance the 2014 Florida Building Code.

This review was completed based on the receipt of following evidence from IKO Industries, Ltd:

- 1) IKO Shingle Application Instructions 3-Tab Shingles (EN-3Tab\_Applns\_8AGXEFS-2012-11\_reformatted 2013-02-rev07/13-Florida)
- 2) IKO Laminated Shingles Application Instructions (EN-Laminated\_Applns\_8TTEFS-2012-04\_reformatted 2013-02-rev07/13-Florida)
- 3) IKO Hip and Ridge 12 Application Instructions (EN-HipandRidge12\_3HRTri-2013-08\_reformatted 2013-08)
- 4) IKO Leading Edge Plus Shingle Application Instructions (EN-3LEP-Tri-2012-06 reformatted 2013-03)
- 5) ASTM D3161 Test Report (FM Approvals Project No. 3040947)

The attached instructions should be used in conjunction with the published manufacturer's application instructions and applicable code. In the event the instructions conflict, these instructions shall govern.

<u>Statement of Independence:</u> PRI Construction Materials Technologies and/or Duc T. Nguyen, FL P.E. do not have nor plan to acquire a financial interest in any company manufacturing or distributing products for which the test reports are issued.

Signed:	Bal Hack'	Signed:	Dulynyk
	Brad Grzybowski Managing Director		Duc T./Nguyen Florida Registered Professional Engineer P.E. Number: 65034
Date:	April 30, 2015	Date:	April 30, 2015
Attachments:	A) IKO Shingle Application Instructio     B) IKO Laminated Shingles Application     C) IKO Hip and Ridge 12 Application	on Instruction	s

IKO-133-02-01

D) IKO Leading Edge Plus Application Instructions

# IKO Shingle Application Instructions – 3-Tab Shingles

(ASTM D3161, Class F - IKO Marathon 25 AR and CRC Superglass M25AR)

NOTE: THESE INSTRUCTIONS SHALL BE USED IN CONJUCTION WITH IKO'S PUBLISHED APPLICATION INSTRUCTIONS AND THE APPLICABLE CODE. IN THE EVENT THE INSTRUCTION CONFLICT, THESE INSTRUCTIONS WILL GOVERN.

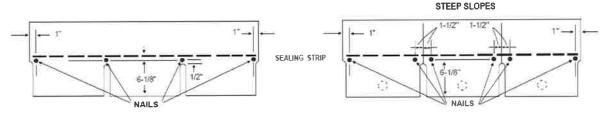
**ROOF DECK:** Solidly sheathed and fastened deck conforming to 2014 FBC.

**UNDERLAYMENT:** Applied in accordance with building code requirements. For areas where the roof slope is less than 4" per foot down to 2" per foot, use 2 layers of underlayment conforming to building code requirements, the first sheet overlapping the eave protection by 19", followed by full 36" widths overlapping each preceding course by 19" or other *Approved* underlayments in accordance with the qualified application instructions. For areas where the roof slope is 4" per foot or greater, cover the deck with one ply of underlayment laid parallel to the eaves, with 2" horizontal laps and 4" end laps. Apply metal drip edges on top of any underlay along rake edges and directly to the deck along eaves in accordance with building code requirements.

**NAILING:** Use galvanized (zinc coated) roofing nails, 11 or 12 gauge, with at least 3/8" diameter heads, long enough to penetrate through plywood or 3/4" into boards. Use 4 nails per shingle placed 6-1/8" above the butt edge, approx. 1" and 13" from each end and 1/2" above each cutout. Drive nails straight so that nail head is flush with, but not cutting into shingle surface.

**NAILING ON STEEP SLOPES:** For steep slopes of 21" per foot (60°) or more, use 6 nails per shingle placed as shown below. Ensure that no nail is within 2" of a joint/cutout of the underlying shingle. Seal down each shingle at time of application with three 1" diameter (approx. size and thickness of a quarter) spots of asphalt plastic cement placed under the shingle 2" above the bottom edge and equally spaced along the shingle. Apply plastic cement in moderation since excessive amounts may cause blistering. CAUTION: Shingles should seal to the underlying course when the factory applied asphalt sealant is sufficiently warmed by the heat of direct sunlight.

EXPOSURE: Installed shingles shall have a maximum average exposure of 5-5/8".



DO NOT NAIL INTO OR ABOVE THE SEALING STRIP

# **IKO Laminated Shingles Application Instructions**

(ASTM D3161, Class F - Cambridge, Cambridge HD, and CRC Biltmore AR)

NOTE: THESE INSTRUCTIONS SHALL BE USED IN CONJUCTION WITH IKO'S PUBLISHED APPLICATION INSTRUCTIONS AND THE APPLICABLE CODE. IN THE EVENT THE INSTRUCTION CONFLICT, THESE INSTRUCTIONS WILL GOVERN.

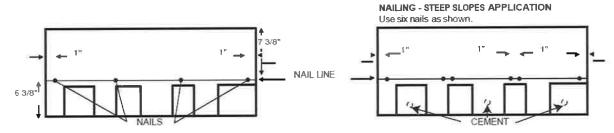
ROOF DECK: Solidly sheathed and fastened deck conforming to 2014 FBC.

**UNDERLAYMENT:** Applied in accordance with building code requirements. For areas where the roof slope is less than 4" per foot down to 2" per foot, use 2 layers of underlayment conforming to building code requirements, the first sheet overlapping the eave protection by 19", followed by full 36" widths overlapping each preceding course by 19" or other *Approved* underlayments in accordance with the qualified application instructions. For areas where the roof slope is 4" per foot or greater, cover the deck with one ply of underlayment laid parallel to the eaves, with 2" horizontal laps and 4" end laps. Apply metal drip edges on top of any underlay along rake edges and directly to the deck along eaves in accordance with building code requirements.

**NAILING:** Use galvanized (zinc coated) roofing nails, 11 or 12 gauge, with at least 3/8" diameter heads, long enough to penetrate through plywood or 3/4" into boards. Use 4 nails per shingle placed in the nail line 7-3/8" below the top edge, approx. 1" and 13" in from each end. Drive nails straight so that nail head is flush with, but not cutting into shingle surface.

NAILING ON STEEP SLOPES: For steep slopes of 21" per foot (60°) or more, use 6 nails per shingle placed as shown below. Ensure that no nail is within 2" of a joint/cutout of the underlying shingle. Seal down each shingle at time of application with three 1" diameter (approx. size and thickness of a quarter) spots of asphalt plastic cement placed under the shingle 2" above the bottom edge and equally spaced along the shingle. Apply plastic cement in moderation since excessive amounts may cause blistering. CAUTION: Shingles should seal to the underlying course when the factory applied asphalt sealant is sufficiently warmed by the heat of direct sunlight.

**EXPOSURE:** Installed shingles shall have a maximum average exposure of 5-7/8".



PROPER APPLICATION REQUIRES THAT THE NAILS PENETRATE BOTH THE OVERLAY AND UNDERLAY PORTIONS OF THE SHINGLE

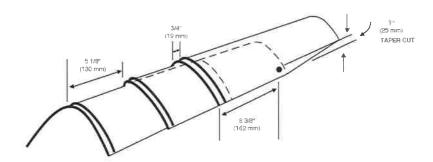
# **IKO Hip and Ridge 12 Application Instructions**

(ASTM D3161, Class F - IKO Hip and Ridge 12)

NOTE: THESE INSTRUCTIONS SHALL BE USED IN CONJUCTION WITH IKO'S PUBLISHED APPLICATION INSTRUCTIONS AND THE APPLICABLE CODE. IN THE EVENT THE INSTRUCTION CONFLICT, THESE INSTRUCTIONS WILL GOVERN.

Cut hip and ridge shingles into thirds, using the perforation marks as a cutting guide. These shingles are designed for a 5 1/8" (130 mm) exposure. (For a neater appearance, the top of each side of each piece has been factory trimmed on a 1" (25 mm) taper (see drawing). Bend each piece over the hip or ridge, and nail 5 5/8" (143 mm) above the butt edge 1" (25 mm) in from each edge, exposing each piece 5 1/8" (130 mm). Apply hip pieces starting at the lower end of the hip, working up toward the ridge. On hip roofs, apply ridge pieces starting at each end, meeting in the middle. On gable roofs, apply ridge pieces starting at the end opposite to the prevailing wind direction and continue to the other end. Note: To obtain a three-dimensional effect, (which is recommended, but not required), apply hip and ridge shingles double thickness by stacking 2 pieces on top of one another, the lower piece extending about 3/4" (19 mm) further than the top piece (see diagram). The final shingle should be set in cement, and the exposed nail heads of the final shingle should be covered with cement. Prior to application in cold weather, storing the shingles in a heated area will allow for easier bending.

NOTE: SHINGLES MUST BE APPLIED PROPERLY. THEY ARE DESIGNED FOR USE AS HIP AND RIDGE SHINGLES ONLY, AND SHOULD NOT BE USED FOR ANY OTHER APPLICATIONS. WE ASSUME NO RESPONSIBILITY FOR LEAKS OR DEFECTS RESULTING FROM POOR APPLICATION OR FAILURE TO PROPERLY PREPARE THE SURFACE TO BE ROOFED OVER, OR FAILURE TO PROVIDE PROPER VENTILATION IN ACCORDANCE WITH MINIMUM PROPERTY STANDARDS REQUIREMENTS. REVIEW ALL APPLICABLE BUILDING CODES, MINIMUM PROPERTY STANDARDS, AND REQUIREMENTS PRIOR TO APPLYING THESE SHINGLES USING THESE APPLICATION INSTRUCTIONS.



IKO Installation Instructions for Asphalt Shingles Page 5 of 5

# **IKO Leading Edge Plus Application Instructions**

(ASTM D3161, Class F - IKO Leading Edge Plus)

NOTE: THESE INSTRUCTIONS SHALL BE USED IN CONJUCTION WITH IKO'S PUBLISHED APPLICATION INSTRUCTIONS AND THE APPLICABLE CODE. IN THE EVENT THE INSTRUCTION CONFLICT, THESE INSTRUCTIONS WILL GOVERN.

- 1. Apply any underlayment, eave protection, valley flashings, or drip edges to roof deck as required.
- 2. Each 39 3/8" x 13 1/4" (1000 mm x 336 mm) IKO Leading Edge Plus strip is perforated lengthwise for separation into two (2) shingles. Take one IKO Leading Edge Plus strip and fold flat at perforation to separate.
- 3. Take one of the separated shingles 39 3/8" x 6 5/8" (1000 mm x 168 mm) and remove approximately 20"(500 mm). Install this shingle on the lower left corner of the roof deck, granule side up, with the factory installed sealant adjacent to the eaves. The shingle should overhang the rake edge and eaves by a nominal 1/4" (6 mm) minimum. Fasten the shingle to the roof deck with nails located 3" to 4" (75 mm to 100 mm) from the eave edge and 1" (25 mm) in from each end.
- 4. Take the leftover 20" (500 mm) piece shingle. Rotate the piece and align it vertically up the rake edge with the factory installed sealant adjacent to the outer edge of the roof. The shingle should overhang the rake edge by a nominal 1/4" (6 mm) minimum. Fasten the shingle to the roof deck with fasteners located 3" to 4" (75 mm to 100 mm) from the rake edge and 1" (25 mm) in from each end.
- 5. Repeat Steps 3 4 for the right lower corner of the roof deck.

NAILING: Use galvanized (zinc coated) roofing nails, 11 or 12 gauge, with at least 3/8" (9 mm) diameter heads, long enough to penetrate through plywood or 3/4" (20 mm) into boards. Use 4 nails per shingle placed 3" to 4" (75 mm to 100 mm) from the eave edge and approximately 1" and 13" (25 mm and 330 mm) in from each end.

- 6. Apply full-length IKO Leading Edge Plus shingles to the remaining eave edges of the roof deck. Install the shingles granule side up with the factory applied sealant adjacent to the eaves. The shingles should overhang the rake edge and eaves by a nominal 1/4" (6 mm) minimum. Fasten the shingles to the roof deck with nails located 3" to 4" (75 mm to 100 mm) from the eave edge, 4 nails per shingle.
- 7. Apply roof shingles as per the instructions printed on each product's package. Make certain the first course of field shingle lies flush with the edges of the fastened IKO Leading Edge Plus. In this way, the sealant on the IKO Leading Edge Plus shingles will adhere to the first-course field shingles and help keep them from lifting in high winds.



# **Business & Professional Regulation**









Product Approval Menu > Product or Application Search > Application List > Application Detail

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FL16226-R2 Application Type Revision 2014 Code Version Application Status Approved

Comments Archived

Product Manufacturer Address/Phone/Email

Atlas Roofing Corporation 2000 RiverEdge Parkway Suite 800 Atlanta, GA 30328 (770) 946-4571 mcollins@atlasroofing.com

Authorized Signature

Meldrin Collins

mcollins@atlasroofing.com

Technical Representative Address/Phone/Email

Quality Assurance Representative Address/Phone/Email

Category Subcategory Roofing Underlayments

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer

✓ Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who

developed the Evaluation Report Florida License

Quality Assurance Entity Quality Assurance Contract Expiration Date

Validated By

Zachary R. Priest

PE-74021 **UL LLC** 12/31/2020 Locke Bowden

✓ Validation Checklist - Hardcopy Received

Certificate of Independence

FL16226 R2 COI ATL13001.2 2014 FBC Product Evaluation Report

- FINAL.pdf

Referenced Standard and Year (of Standard)

Equivalence of Product Standards Certified By

Sections from the Code

1507.2.3

1507.2.8 1507.3.3 1507.4.5.1 1507.4.5.2 1507.5.3 1507.5.3.2 1507.7.3 1507.7.3.2 1507.8.3 1507.9.3 1507.9.3 1507.9.3

Product Approval Method

Method 2 Option B

Date Submitted 04/19/2015
Date Validated 04/20/2015
Date Pending FBC Approval 04/23/2015
Date Approved 06/22/2015

Summary of Products	S			
FL#	Model, Number or Name	Description		
16226.1	Gorilla Guard EverFelt Spec 30	ASTM D 6757 & ASTM D 226, Type II underlayment		
Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: See evaluation report for limits of use		Installation Instructions  FL16226 R2 II ATL13001.2 2014 FBC Product Evaluation Report - FINAL.pdf  Verified By: Zachary R. Priest 74021 Created by Independent Third Party: Yes Evaluation Reports FL16226 R2 AE ATL13001.2 2014 FBC Product Evaluation Report - FINAL.pdf Created by Independent Third Party: Yes		
16226.2	SUMMIT & SUMMIT 60	Synthetic underlyaments for steep slope roofing		
Limits of Use Approved for use in Approved for use ou Impact Resistant: N Design Pressure: N/ Other: See evaluation	ı <b>tside HVHZ:</b> Yes /A	Installation Instructions FL16226 R2 II ATL13001.2 2014 FBC Product Evaluation Report - FINAL.pdf Verified By: Zachary R. Priest 74021 Created by Independent Third Party: Yes Evaluation Reports FL16226 R2 AE ATL13001.2 2014 FBC Product Evaluation Report - FINAL.pdf Created by Independent Third Party: Yes		

Back Next

Contact Us:: 1940 North Monroe Street, Tallahassee FL 32399 Phone: 850-487-1824

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Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395, \*Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record, If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public.

To determine if you are a licensee under Chapter 455, F.S., please click here.

Product Approval Accepts:







Certificate of Authorization No. 29824 17520 Edinburgh Dr Tampa, FL 33647 (813) 480-3421

#### **EVALUATION REPORT**

#### 2014 FLORIDA BUILDING CODE

Issued March 30, 2015

Manufacturer:

Atlas Roofing Corporation

2000 Riveredge Parkway, Suite 800

Atlanta, GA 30328 (770) 612-6267

http://www.atlasroofing.com

Manufacturing Plants:

Meridian, MS

Calgary, Alberta Canada

Gujarat, India

**Quality Assurance:** 

**UL LLC (QUA9625)** 

SCOPE

Category:

Roofing

Subcategory:

Underlayments

**Code Sections:** 

1507.2.3, 1507.2.8, 1507.3.3, 1507.4.5.1, 1507.4.5.2, 1507.5.3, 1507.5.3.2, 1507.7.3,

1507.3.2, 1507.8.3, 1507.8.3.2, 1507.9.3, 1507.9.3.2, 1507.9.5, 1518.4

Properties:

Physical properties

#### REFERENCES

Entity PRI Construction Materials Technologies (TST5878) PRI Construction Materials Technologies (TST5878)	Report No. ATL-033-02-01 ATL-101-02-01	Standard ASTM D 226 ASTM D 6757 ASTM D 226	<u>Year</u> 2006 2007 2006
PRI Construction Materials Technologies (TST5878)	ATL-134-02-01	TAS 117(B) ASTM D 1781 ASTM D 6757 ASTM D 226 ASTM D 4869	1995 1998(2012) 2007 2006 2005e1

#### PRODUCT DESCRIPTION AND APPLICATION

Spec 30

Gorilla Guard® EverFelt ASTM D 6757 and ASTM D 226, Type II mechanically fastened underlayment made from asphalt-saturated organic felt reinforced with glass fiber for steep slope roof applications. Rolls are a nominal 36-inch wide by 72-ft long. Unless otherwise noted, the following application details shall be followed for New and Existing construction.

Deck:

In accordance with FBC requirements; New

construction in the HVHZ shall be in. 19/32 in.

plywood

Min. slope:

2:12 and in accordance with FBC requirements

Attachment for 2:12 to 4:12:

Mechanically fasten to deck in accordance with Manufacturer's published application instructions and FBC requirements; Min. 19 in. head lap and 6

in, end lap.

Attachment (HVHZ) for > 4:12:

Mechanically fasten to deck in accordance with Manufacturer's published application instructions and FBC (HVHZ) requirements; Min. 4 in. head lap

and 6 in. end lap.

Attachment (Non-HVHZ) > 4:12:

Mechanically fasten to deck in accordance with Manufacturer's published application instructions

and FBC requirements; Min. 2 in. head lap and 4 in.

end lap

ATL13001.2

FL16226-R2

Page 1 of 3

This evaluation report is provided for State of Florida product approval under Rule 61G20-3. The manufacturer shall notify CREEK Technical Services, LLC of any product changes or quality assurance changes throughout the duration for which this report is valid. This evaluation report does not express nor imply warranty, installation, recommended use, or other product attributes that are not specifically addressed herein.



Gorilla Guard® EverFelt Allowable roof coverings: Spec 30 - Continued

Asphalt shingles, metal roof panels and shingles, wood shakes and shingles, and slate shingles. Clay and concrete tiles are allowable when installed with ASTM D 6830, ASTM D 249 organic cap sheet, or other approved underlayments in accordance with FBC requirements.

#### **Summit®**

ASTM D 226, Type II alternative underlayment made from inorganic, woven polypropylene fabric dual-coated with resin for steep slope roof applications. Rolls are a nominal 48-inch wide by 250-ft long. Unless otherwise noted, the following application details shall be followed for New and Existing construction.

In accordance with FBC requirements; New Deck:

construction in the HVHZ shall be in. 19/32 in.

plywood

2:12 and in accordance with FBC requirements Min. slope:

Mechanically fasten to deck in accordance with Attachment for 2:12 to 4:12: Manufacturer's published application instructions

and FBC requirements; Min. 24 in. head lap and 12

in, end lap.

Mechanically fasten to deck in accordance with Attachment > 4:12:

Manufacturer's published application instructions and FBC requirements; Min. 4 in. head lap and 12

Asphalt shingles, metal roof panels and shingles, Allowable roof coverings:

wood shakes and shingles, and slate shingles.

#### Summit® 60

ASTM D 6757, ASTM D 4869, Type II and ASTM D 226, Type II alternative underlayment made from inorganic polypropylene fabric with woven polymeric scrim for steep slope roof applications. Rolls are a nominal 48-inch wide by 250-ft long. Unless otherwise noted, the following application details shall be followed for New and Existing construction.

In accordance with FBC requirements; New Deck:

construction in the HVHZ shall be in. 19/32 in.

plywood

2:12 and in accordance with FBC requirements Min. slope:

Mechanically fasten to deck in accordance with Attachment for 2:12 to 4:12:

Manufacturer's published application instructions and FBC requirements; Min. 24 in. head lap and 12

in. end lap.

Mechanically fasten to deck in accordance with Attachment > 4:12:

Manufacturer's published application instructions and FBC requirements; Min. 4 in. head lap and 12

in, end lap

Allowable roof coverings: Asphalt shingles, metal roof panels and shingles,

wood shakes and shingles, and slate shingles.

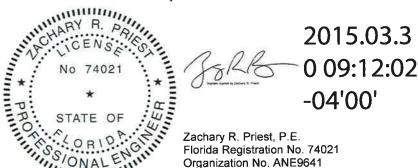


#### **LIMITATIONS**

- Fire Classification is not within the scope of this evaluation.
- 2) Wind uplift resistance in not within scope of this evaluation.
- Installation of the evaluated product shall comply with this report, the FBC, and the manufacturer's published application instructions. Where discrepancies exist between these sources, the more restrictive and FBC compliant installation detail shall prevail.
- 4) Deck substrates shall be clean, dry, and free from any irregularities and debris. All fasteners in the deck shall be checked for protrusion and corrected prior to underlayment application.
- 5) The roof deck shall be constructed of closely fitted sheathing for new or existing construction. Roof deck shall be installed in accordance with FBC requirements.
- 6) All underlayments shall be installed with the roll length parallel to the eave, starting at the eave, and lapped in success courses installed up the deck in a manner that effectively sheds water from the deck. End laps shall be staggered between courses in accordance with the manufacturer's application instructions.
- Roof coverings shall not be adhered directly to the underlayment.
- 8) The underlayment may be used as described in other current FBC product approval documents.
- 9) The underlayment shall be exposed on the roof deck for a maximum 30 days unless otherwise stated.
- 10) All products listed in this report shall be manufactured under a quality assurance program in compliance with Rule 61G20-3.

#### **COMPLIANCE STATEMENT**

The products evaluated herein by Zachary R. Priest, P.E. have demonstrated compliance with the 2014 Florida Building Code as evidenced in the referenced documents submitted by the named manufacturer.



#### **CERTIFICATION OF INDEPENDENCE**

CREEK Technical Services, LLC does not have, nor will it acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

CREEK Technical Services, LLC is not owned, operated, or controlled by any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any company manufacturing or distributing products under this evaluation.

Zachary R. Priest, P.E. does not have, nor will acquire, a financial interest in any other entity involved in the approval process of the product.

#### **END OF REPORT**









Product Approval USER: Public User

Product Approval Menu > Product or Application Search > Application List > Application Detail

FL12198-R3 Application Type Revision 2014 Code Version Application Status Approved

> \*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

Comments Archived

Product Manufacturer Address/Phone/Email

KAYCAN LTD 1 Memorial Drive Richford, VT 05476 (406) 553-6818 Ext 0 alex.jovanovic@kpproducts.com

Authorized Signature

Jovanovic Alex

alex.jovanovic@kpproducts.com

Technical Representative Address/Phone/Email

Joe Lundine 402 Boyer St Williston, VT 05495 (662) 252-9991

joe.lundine@kpproducts.com

Quality Assurance Representative

Address/Phone/Email

Joe Lundine 402 Boyer St Williston, VT 05495 (662) 252-9991

joe.lundine@kpproducts.com

Category Subcategory

Panel Walls Soffits

Compliance Method

Certification Mark or Listing

Certification Agency Validated By

Miami-Dade BCCO - CER Miami-Dade BCCO - VAL

Reviewed for Code Iniversal Engineering

Referenced Standard and Year (of Standard)

**Standard TAS 202** 

<u>Year</u> 1994

**TAS 203** 

1994

Equivalence of Product Standards

Certified By

Product Approval Method

Method 1 Option A

Date Submitted

09/02/2015

Date Validated

09/04/2015

Date Pending FBC Approval

Date Approved

09/11/2015

FL #	Model, Number or Name	Description		
2198.1	Aluminum Soffit SP-600	SP-600 16" Vented Aluminum Soffit		
Approved for I Impact Resist Design Pressu		Certification Agency Certificate FL12198 R3 C CAC 15061215.pdf Quality Assurance Contract Expiration Date 06/01/2016 Installation Instructions FL12198 R3 II 15061215.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:		
12198.2	Vinyl Soffit D5	D5 10" Vented Vinyl Soffit		
Approved for a Impact Resistant Design Pressu		Certification Agency Certificate FL12198 R3 C CAC 15061216.pdf Quality Assurance Contract Expiration Date 04/20/2016 Installation Instructions FL12198 R3 II 15061216.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports Created by Independent Third Party:		
12198.3 Vinyl Soffit T4  Limits of Use Approved for use in HVHZ: Yes Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +55/-35 Other: Maximum Panel Dimensions: 21-1/2" x 13.352"		T4 12" Vented Vinyl Soffit		
		Certification Agency Certificate FL12198 R3 C CAC 15061216.pdf Quality Assurance Contract Expiration Date 04/20/2016 Installation Instructions FL12198 R3 II 15061216.pdf Verified By: Miami-Dade BCCO - CER Created by Independent Third Party: Evaluation Reports		

Back

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DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

#### NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Kaycan 1 Memorial Drive. Richford, VT 05476

Scope: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Model SP-600 16"Aluminum Vented Soffit

APPROVAL DOCUMENT: Drawing No. KAY0003, titled "SP-600 16" Aluminum Soffit – Vented", sheets 1 through 4 of 4, dated 12/27/2011, with revision 2 dated 03/17/2015, prepared by the manufacturer, signed and sealed by Robert J. Amoruso, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

**LABELING:** Each piece shall bear a permanent label marked at not more than 4' o.c. with the manufacturer's name or logo, Pointe-Claire, QC, Canada and following statement: "Miami-Dade County Product Control Approved", per FBC 1710.9.2 and 1710.9.3.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises NOA #12-0124.04 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.

MIAMI-DADE COUNTY
APPROVED

100/20/2015

NOA No. 15-0612.15 Expiration Date: June 01, 2016 Approval Date: August 27, 2015 Page 1

#### Kaycan

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

#### A. DRAWINGS

 Drawing No. KAY0003, titled "SP-600 16" Aluminum Soffit - Vented", sheets 1 through 4 of 4, dated 12/27/2011, with revision 3 dated 03/17/2015, prepared by the manufacturer, signed and sealed by Robert J. Amoruso, P.E.

#### B. TESTS "Submitted under NOA # 05-0802.03"

- 1. Test report of Cyclic Load Pressure Test per TAS 203 and test report of Uniform Static Load Test per TAS 202 on Aluminum Soffit SP-600 prepared by Architectural Testing, Test Report No. 55982.02-122-18, dated 07/18/2005, signed and sealed by S. M. Urich, P.E.
- 2. Test report of Tensile Test per ASTM E8 on Aluminum Vented Soffit, prepared by Architectural Testing, Test Report No. 55982.03-122-18, dated 04/26/2005, signed and sealed by Joseph A. Reed, P.E.

#### C. CALCULATIONS "Submitted under NOA # 12-0124.04"

1. Anchor calculations prepared by PTC Product Design Group, LLC, dated 12/27/2011, signed and sealed by Robert J. Amoruso, P.E.

#### "Submitted under NOA # 05-0802.03"

2. Anchor calculations prepared by H. R. Engineering, Inc., pages 1 through 3, dated 07/25/2005, signed and sealed by Allen N. Reeves, P.E.

#### D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

#### E. MATERIAL CERTIFICATIONS

1. None.

#### F. STATEMENTS

1. Statement letter of code conformance to 5th edition (2014) FBC and of no financial interest, prepared by PTC Product Design Group, LLC, dated 03/17/2015, signed and sealed by Robert J. Amoruso, P.E.

#### "Submitted under NOA # 12-0124.04"

2. Statement letter of code conformance to 2010 FBC and no financial interest, prepared by PTC Product Design Group, LLC, dated 01/19/2012, signed and sealed by Robert J. Amoruso, P.E.

"Submitted under NOA # 11-0325.03"

3. Distributor agreement dated 04/25/2011.

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 15-0612.15 Expiration Date: June 01, 2016

Approval Date: August 27, 2015

## **KAYCAN BUILDING PRODUCTS** SP-600 16" ALUMINUM SOFFIT - VENTED INSTALLATION ANCHORAGE DETAILS

#### GENERAL NOTES:

- 1. THIS PRODUCT HAS BEEN TESTED AND DESIGNED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) BUILDING AND RESIDENTIAL VOLLINES INCLUDING THOSE SECTIONS OF THE FBC PERTAINING TO THE HIGH VELOCITY HURRICAME ZONE (N-VIZ) AT THE DESION PRESSUREIG) STATED HEREIN. THE PRODUCT WAS TESTED TO TAS-202 AND TAS-203. IMPACT TESTING TO TAS-202 IS NOT REQUIRED FOR SOFFIT, STRUCTURAL TEST RESULTS BASED ON TAS 202 WREE DIVIDED BY 1.5 AS REQUIRED FOR SOFFIT, STRUCTURAL TEST RESULTS BASED AND TAS 202 WREED DIVIDED BY 1.5 AS REQUIRED BY THE CURRENT EDITION OF THE FBC BUILDING AND RESIDENTIAL VOLUMES.
- THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED ARCHITECTURAL TESTING REPORT #55992.02-122-18, INCLUDING ASSOCIATED LABORATORY STAMPED DRAWNINGS,
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE, MASONRY AND WOOD FRAMING COMPRISING THE ATTACHMENT SUBSTRATE FOR THE SOFFIT SHALL BE DETERMINED TO BE CAPABLE OF WITHSTAMDING AND TRANSPERENTING APPLIED PRODUCT LOADS TO THAT STRUCTURE AND IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD FOR THE PROJECT.
- OVERHANG RECEIVING ALUMINUM SOFFIT SHALL BE CHECKED FOR STRUCTURAL INADEQUACY, CRACKS OR DEFECTS THAT SHALL BE ELIMINATED.
- INSTALLATION OF SOFFIT ACCESSORIES AND ACCESSORIES SUCH AS CORNER POSTS, STARTER STRIPS AND TRIM AROUND OPENINGS SHALL BE DONE IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE BUILDING AND RESIDENTIAL VOLUMES AND THE MANUFACTURER'S INSTRUCTIONS.
- 6. SITE CONDITIONS THAT DEVIATE FROM THE DETAILS OF THIS DRAWING REQUIRE FURTHER ENGINEERING EVALUATION BY A LICENSED ENGINEER OR REGISTERED ARCHITECT.
- LABELED IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE-BUILDING AND RESIDENTIAL VOLUMES.
- 8. SOFFIT NET FREE AREA IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE BUILDING AND RESIDENTIAL VOLUMES . 8.1. 8.7 SO INVHLINEAL F.

2" x 2" WOOD BATTEN

#### INSTALLATION NOTES:

- ANCHORS SHALL BE THE TYPE, SIZE, EMBEDMENT AND EDGE DISTANCE SHOWN HEREIN FOR RESPECTIVE
- 2. INSTALLATION ANCHORS SHALL BE AS SHOWN ON THE "BATTEN INSTALLATION" AND "SOFFIT INSTALLATION" SECTIONS ON SHEETS 3 AND 4.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING).
- 4. FOR INSTALLATION OF BATTEN TO WOOD STRUCTURE USE #8 x 3\* WOOD SCREW OR #9 x 3\* TAPPING SCREW. PLACE ONE SCREW PER LOCATION AND MAXIMUM 24\* O.C. ALONG BATTEN LENGTH.
- 5. FOR INSTALLATION OF SOFFIT TO BATTEN USE 0.12 DIAMETER x 1-1/2" LONG SMOOTH, SCREW OR RING SHANK ROOFING NAIL WITH 3/8" DIAMETER HEAD
- ALL FASTENERS SHALL HAVE CORROSION RESISTANT COATINGS OR BE MADE OF CORROSION RESISTANT MATERIALS. COMPATIBLE WITH THE SUBSTRATE MATERIALS.

#### ALUMINUM SOFFIT SPECIFICATIONS:

- KAYCAN BUILDING PRODUCTS ALUMINUM SOFFIT IS MANUFACTURED BY ALUMINUM PRODUCTS, 3075 TRANS-CANADA HWY, POINTE-CLAIRE, QC H9R IB4, CANADA.

- SP-500 16" SOFFIT VENTED
   1.1. MATERIAL: ALUMINUM 3004-H19
   2. WALL THICKNESS: 0.015"
   2.3. PANEL LENGTHS: 12' 0" LONG

#### 3. TRIM

- ). TRIM
  3.1. F-CHANNEL
  3.1.1 MATERIAL: ALUMINUM
  3.1.2 WALL THICKNESS; 0.022\*
  3.2 FASCIA
  3.2.1 MATERIAL: ALUMINUM
  3.2.2 WALL THICKNESS; 0.022

- 1	20.5	-	6
		34 GR60H	The state of
PRODE to onthy Buddin Accepts Expires	phylog with	the Fic	2.15
	PRODU to state Builde Accept	as energylying with	PRODUCT REVISION on complying with the Pic Budding Code Acceptance by Experimental Section 1997 to 199

3/19/12

COUNTED NO.

3/17/15

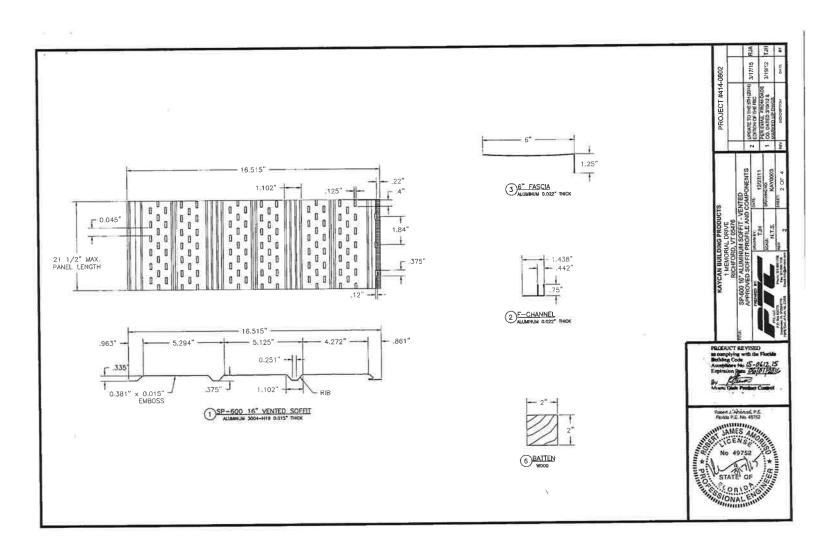
PROJECT #414-0802

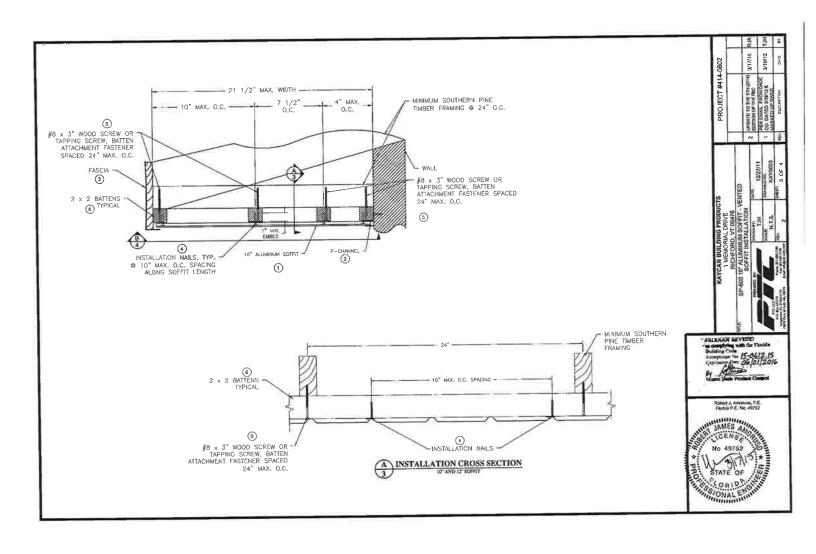
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sf	MASS/ONAL

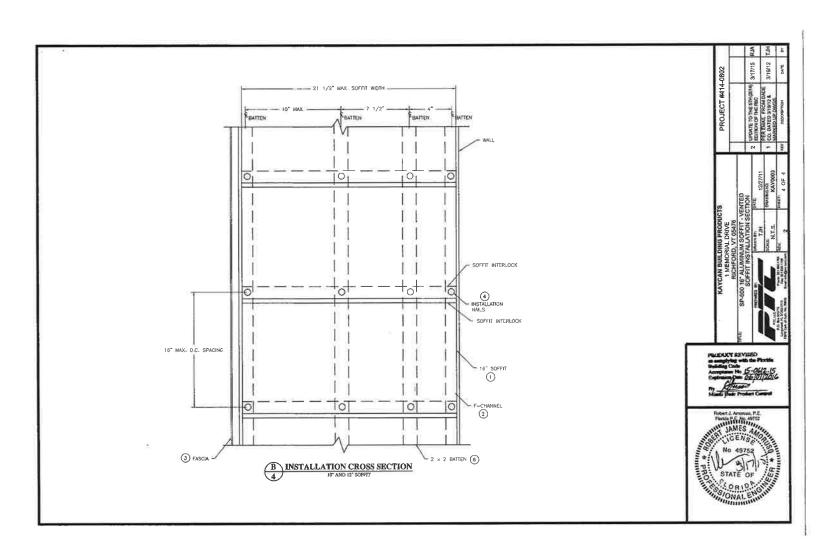
			SHEET	
	1	GENERAL .		
ITEM	BILL OF MATERIALS  DESCRIPTION	MATERIAL	2	APPROVED
1	SP-600 16" VENTED SOFFIT	ALUM 3004-H19	3	SOFFIT IN
2	F-CHANNEL	ALUMINUM	4	SOFFIT IN
3	6" FASICA	ALUMINUM		DESIG
4	0.12" DIAMETER x 1-1/2" LONG ROOFING NAIL WITH 3/8" DIA. HEAD, USED TO ATTACH SOFFIT TO BATTEN	STEEL	-	DESIG
5	#8 x 3" WOOD SCREW OR #8 x 3" TAPPING SCREW. USED TO ATTACH BATTEN TO WOOD STRUCTURE	STEEL	CD C00	
6	2" x 2" WOOD BATTEN	WOOD	2H-600	16" ALUM.

TABLE OF CONTENT									
SHEET	DESCRIPTION								
1	GENERAL AND INSTALLATION NOTES, B.O.M. AND D.P. CHART								
2	APPROVED SOFFIT PROFILE AND COMPONENTS								
3	SOFFIT INSTALLATION AND CROSS SECTION								
4	SOFFIT INSTALLATION SECTION								

1	DESIGN PRESSURE (PSF	) RATING
-	SOFFIT MODEL	DESIGN PRESSURE (PSF)
	SP-600 16" ALUM. VENTED SOFFIT W/F-CHANNEL	+55.0PSF/-35.0psf







48.0	0 HOV.	
~		

# CERTIFICATE OF LIABILITY INSUKANCE

12/23/2015

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER		CONTACT Maureen Wentworth					
Winchester Ins	urance, Inc.	PHONE (407) 365-5656 FAX (A/C, No): (407) 366-0031					
1425 W. Broady	ay (S.R. 426)	ADDRESS; maureen@winchesteringurance.	COM				
P.O. Box 62096	i9 <sup>-</sup>	INSURER(S) AFFORDING COVERAGE	NAIC#				
Oviedo	FL 32762-0969	INSURER A: SOUTHERN-OWNERS	10190				
INSURED Hasting	js Homes Inc.	INSURER B :					
3613 Bancroft Avenue		INSURER G:					
		INSURER D:					
Orange		INSURER E:	i				
Orlando	FL 32833-	INSURER F:					
COVERACES	CERTIFICATE NUMBER	REVISION NUMB	ER:				

COVERAGES

CERTIFICATE NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED SELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE SEEN REDUCED BY PAID CLAIMS.

ISR TR	TYPE OF INSURANCE	ADDL'SU	BR	POLICY NUMBER	(N	M/DD/YYYY)	(MM/DD/YYYY)	LIMIT	3	7-15
A	GENERAL LIABILITY  X COMMERCIAL GENERAL LIABILITY			72741408	0.4	/22/2015 / /	04/22/2016	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Es occurrence)	s	300,00
	CLAIMS-MADE X OCCUR				e .	1 1	///	MED EXP (Any one person) PERSONAL & ADV INJURY	\$	1055710,00 500,00
						1 1	1 1	GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	S	1,000,00
ļ	GEN'L AGGREGATE LIMIT APPLIES PER:  X POLICY PRO- JECT LOC				N.	, ,	11		\$	
A	AUTOMOBILE LIABILITY  ANY AUTO		114682	72741408	04	/22/2015 / /	/ /	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person)	<u>5</u> \$	500,00
	ALL OWNED SCHEDULED AUTOS NON-OWNED		K			1 1	11	BODILY INJURY (Per accident) PROPERTY DAMAGE	\$	
	X HIRED ALITOS X AUTOS				0	11	11	(Per accident)	\$	
	UMBRELLA LIAB OCCUR EXCESS LIAB CLAIMS-MADE		•			/ /	11	EACH OCCURRENCE AGGREGATE	\$	
	DED RETENTION \$				0.5	1. 1	/ /	WC STATU-   OTH-	5	Halife
	WORKERS COMPENSATION AND EMPLOYERS' LLABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?	N/A			23		111	WC STATU- OTH- TORY LIMITS ER E.L. EACH ACCIDENT	s	(\$1865) 372 43 373 43
	(Mandatory in NH)  If yes, describe under DESCRIPTION OF OPERATIONS below		Fee:			11	11	E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT		to produce the second
A	INMRC		114682	72741408	04	/22/2015 / /	04/22/2016			5,00 5,00

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, If more space is required)

CEF	RTIFIC	ATE HOLDER				CANCELLATION			
(	)	<u>.</u>	(	)	<u></u>	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.			
		City of Belle Isla				1.00			
		1600 Nela Ave			and the second	AUTHORIZED REPRESENTATIVE			

Belle Isle FL 32809-

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JEFF ATWATER CHIEF FINANCIAL OFFICER

#### STATE OF FLORIDA DEPARTMENT OF FINANCIAL SERVICES DIVISION OF WORKERS' COMPENSATION

# \*\* CERTIFICATE OF ELECTION TO BE EXEMPT FROM FLORIDA WORKERS' COMPENSATION LAW \*\*

#### CONSTRUCTION INDUSTRY EXEMPTION

This certifies that the individual listed below has elected to be exempt from Florida Workers' Compensation law.

EFFECTIVE DATE: 5/5/2015

EXPIRATION DATE: 5/4/2017

PERSON: HASTINGS

KEITH

FEIN:

562403337

BUSINESS NAME AND ADDRESS:

HASTINGS HOMES INC

3613 BANCROFT BLVD

ORLANDO

FL

32833

SCOPES OF BUSINESS OR TRADE:

LICENSED GENERAL

LICENSED RESIDENTIAL

CONTRACTOR

CONTRACTR

Pursuant to Chapter 440,05(14), F.S.; an officer of a corporation who elects exemption from this chapter by filing a certificate of election under this section may not recover benefits or compensation under this chapter. Pursuant to Chapter 440.05(12), F.S., Certificates of election to be exempt. apply only within the scope of the business or trade listed on the notice of election to be exempt. Pursuant to Chapter 440 05(13), F.S., Notices of election to be exempt and certificates of election to be exempt shall be subject to revocation if, at any time after the filing of the notice or the issuance of the certificate. the person named on the notice or certificate no longer meets the requirements of this section for issuance of a certificate. The department shall revoke a

DFS-F2-DWC-252 CERTIFICATE OF ELECTION TO BE EXEMPT REVISED 08-13

QUESTIONS? (850)413-1609



## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 03/08/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER. AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

certificate floider in fied of	such endorsement(s).		
PRODUCER		CONTACT Maureen Wentworth	
Winchester Insurance	ce, Inc.	PHONE (A/C, No, Ext): (407) 365-5656 FAX (A/C, No): (407)	366-0031
1425 W. Broadway (	S.R. 426)	E-MAIL ADDRESS: maureen@winchesterinsurance.com	
P.O. Box 620969		INSURER(S) AFFORDING COVERAGE	NAIC#
Oviedo	FL 32762-0969	INSURER A : SOUTHERN-OWNERS	10190
INSURED Hastings Ho	mes Inc.	INSURER B:	
3613 Bancroft Avenu	ie	INSURER C:	
		INSURER D :	
Orange		INSURER E :	
Orlando	FL 32833-	INSURER F:	
COVERAGES	CERTIFICATE NUMBER:	REVISION NUMBER:	

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

ISR TR	TYPE OF INSURANCE	ADDL S	SUBR	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	s	
A	GENERAL LIABILITY	111,211	-	114682 72741408	04/22/2015		EACH OCCURRENCE	\$	500,00
	X COMMERCIAL GENERAL LIABILITY				/ /	/ /	DAMAGE TO RENTED PREMISES (Ea occurrence)	\$	300,00
	CLAIMS-MADE X OCCUR				/ /	/ /	MED EXP (Any one person)	\$	10,00
i					/ /	/ /	PERSONAL & ADV INJURY	\$	500,00
					/ /	/ /	GENERAL AGGREGATE	s	1,000,00
	GEN'L AGGREGATE LIMIT APPLIES PER:				/ /	/ /	PRODUCTS - COMP/OP AGG	\$	1,000,00
	X POLICY PRO- JECT LOC				/ /	/ /		\$	
A	AUTOMOBILE LIABILITY			114682 72741408	04/22/2015	04/22/2016	COMBINED SINGLE LIMIT (Ea accident)	S	500,00
	ANY AUTO				/ /	/ /	BODILY INJURY (Per person)	\$	
	ALL OWNED SCHEDULED AUTOS				/ /	/ /	BODILY INJURY (Per accident)	\$	
	X HIRED AUTOS X NON-OWNED AUTOS				/ /	/ /	PROPERTY DAMAGE (Per accident)	\$	
					/ /	/ /		\$	
	UMBRELLA LIAB OCCUR				11	/ /	EACH OCCURRENCE	\$	
	EXCESS LIAB CLAIMS-MADE				/ /	/ /	AGGREGATE	\$	
- 1	DED RETENTION \$				/ /	/ /		\$	
	WORKERS COMPENSATION				//	/ /	WC STATU- OTH- TORY LIMITS ER		
	AND EMPLOYERS' LIABILITY  ANY PROPRIETOR/PARTNER/EXECUTIVE				/ /	/ /	E.L. EACH ACCIDENT	s	
	OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N/A			/ /	/ /	E L. DISEASE - EA EMPLOYEE	\$	
	If yes, describe under DESCRIPTION OF OPERATIONS below			·	/ /	/ /	E.L. DISEASE - POLICY LIMIT	\$	
A	INMRC			114682 72741408	04/22/2015	04/22/2016			5,00
					1 / /	/ /			•

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

CERTIFICATE HOLDER				CANCELLATION
( ) =	(	)	; <del>.</del>	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
City of Belle Isle 1600 Nela Ave				AUTHORIZED REPRESENTATIVE
Belle Isle	FL	328	09-	Manning of Westworth

ACORD 25 (2010/05)



JEFF ATWATER CHIEF FINANCIAL OFFICER

# STATE OF FLORIDA DEPARTMENT OF FINANCIAL SERVICES DIVISION OF WORKERS' COMPENSATION

\* \* CERTIFICATE OF ELECTION TO BE EXEMPT FROM FLORIDA WORKERS' COMPENSATION LAW \* \*

CONSTRUCTION INDUSTRY EXEMPTION

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EFFECTIVE DATE: 5/5/2015

**EXPIRATION DATE:** 

5/4/2017

PERSON: HASTINGS

KEITH

Ш

**BUSINESS NAME AND ADDRESS:** 

562403337

FEIN:

HASTINGS HOMES INC

3613 BANCROFT BLVD

ORLANDO

OR TRADE:

32833

급

SCOPES OF BUSINESS OR TRADE:

LICENSED GENERAL

CONTRACTOR

LICENSED RESIDENTIAL CONTRACTR



HASTINGS HOMES INC 3613 BANCROFT BLVD ORLANDO FL 32833

The RESIDENTIAL CONTRACTOR Named below IS CERTIFIED Under the provisions of Chapter 489 FS. Expiration date: AUG 31, 2016

CRC057105

LICENSE NUMBER



# STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION CONSTRUCTION INDUSTRY LICENSING BOARD

# STATE OF FLORIDA DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION CONSTRUCTION INDUSTRY LICENSING BOARD

ICENSE NUMBER

CBC1259735

The BUILDING CONTRACTOR Named below IS CERTIFIED Under the provisions of Chapter 489 FS. Expiration date: AUG 31, 2016





HASTINGS, KEITH ERNEST HASTINGS HOMES, INC. 3613 BANCROFT BLVD ORLANDO FL 32833

ISSUED: 05/29/2014

DISPLAY AS REQUIRED BY LAW

SEQ# L1405290001358

ott Randolph, Tax Collector

Local Business Tax Receipt

**Orange County, Florid** 

cal business tax receipt is in addition to and not in lieu of any other tax required by law or municipal ordinance. Businesses are subject to regulation of zoning, health and authorities. This receipt is valid from October 1 through September 30 of receipt year. **Delinquent penalty is added October 1**.

2015

1801 CERTIFIED RES CONTRA

\$30.00

1801-0962126

TOTAL TAX PREVIOUSLY PAID TOTAL DUE

\$30.00 \$30.00 \$0.00

806 RIVER COVE AV (MOBILE) U - ORLANDO, 32825

PAID: \$30.00 0099-00668629 7/7/2015

EXPIRES 9/30/2016
EMPLOYEE PH, TAY COMMISSION OF THAS

HASTINGS KEITH E QUALIFIER

HASTINGS HOMES INC HASTINGS KEITH E QUALIFIER 3613 BANCROFT BLVD ORLANDO FL 32833-4227